

## EAST Search History

| Ref # | Hits    | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|---------|--|--|------------------|---------|------------------|
| S16 0 | 28      | (S144 or S145 or S146 or S147 or S148 or S149 or S150 or S151 or S152 or S153 or S154 or S155) same (S157 or S158 or S159) same S156 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR               | OFF     | 2006/09/19 13:26 |
| S16 1 | 21308   | cleaning adj solution  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/09/19 13:26 |
| S16 2 | 2537827 | acid   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/09/19 13:26 |
| S16 3 | 24555   | oxidizer   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/09/19 13:26 |
| S16 4 | 4187074 | water  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/09/19 13:26 |
| S16 5 | 47192   | "H.sub.2O"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/09/19 13:27 |
| S16 6 | 4536279 | metal  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/19 13:28 |

## EAST Search History

|          |       |   |  |    |     |                  |
|----------|-------|---|--|----|-----|------------------|
| S16<br>7 | 3     | S161 same S162 same S163 same<br>(S164 or S165) same S166 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/19 13:29 |
| S16<br>8 | 60107 | etchant   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/19 13:29 |
| S16<br>9 | 16    | "NH.sub.4IO.sub.3"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/19 13:30 |
| S17<br>0 | 144   | "LIO.sub.3"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/19 13:31 |
| S17<br>1 | 6     | "CaIO.sub.3"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2006/09/19 13:31 |
| S17<br>2 | 5     | "BaIO.sub.3"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/19 13:32 |
| S17<br>3 | 44498 | KI  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2006/09/19 13:33 |

## EAST Search History

|          |         |   |  |    |     |                  |
|----------|---------|---|--|----|-----|------------------|
| S17<br>4 | 109523  | KI  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/19 13:33 |
| S17<br>5 | 100     | "NH.sub.4I"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/19 13:33 |
| S17<br>6 | 34      | (S161 or S168) same S162 same<br>(S163 or S169 or S170 or S171 or<br>S172 or S173 or S174 or S175) same<br>(S164 or S165) same S166           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/19 13:41 |
| S17<br>7 | 1675178 | titanium or Ti  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/19 13:41 |
| S17<br>8 | 9295264 | Cobalt or Co  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/19 13:41 |
| S17<br>9 | 5       | (S161 or S168) same S162 same<br>(S163 or S169 or S170 or S171 or<br>S172 or S173 or S174 or S175) same<br>(S164 or S165) same (S177 or S178) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/19 13:42 |
| S18<br>0 | 40506   | Titanium adj nitride  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2006/09/19 14:20 |
| S18<br>1 | 1       | ("5137700").PN.   | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/19 15:02 |

## EAST Search History

|          |        |                                  |  |    |     |                  |
|----------|--------|----------------------------------|--|----|-----|------------------|
| S18<br>2 | 11186  | titanium adj silicide            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/19 15:03 |
| S18<br>3 | 4893   | "TiSi.sub.2"                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/19 15:04 |
| S18<br>4 | 39379  | second adj (heat or thermal)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/19 15:05 |
| S18<br>5 | 249    | S180 and (S182 or S183) and S184 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/19 15:44 |
| S18<br>6 | 518    | (S182 or S183) and S184          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/19 15:44 |
| S18<br>7 | 67477  | non\$1react\$3                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/19 15:44 |
| S18<br>8 | 200421 | un\$1react\$3                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/19 15:45 |

## EAST Search History

|          |     |   |  |    |     |                  |
|----------|-----|---|--|----|-----|------------------|
| S18<br>9 | 160 | (S182 or S183) and (S177 with (S187<br>or S188)) and S184 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/19 15:46 |
|----------|-----|---|--|----|-----|------------------|

## EAST Search History

| Ref #    | Hits  | Search Query       | DBs   | Default Operator | Plurals | Time Stamp       |
|----------|-------|--------------------|---|------------------|---------|------------------|
| S12<br>4 | 14    | "NH.sub.4IO.sub.3" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/07/25 13:58 |
| S12<br>5 | 4     | NH4IO3             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/07/25 13:58 |
| S12<br>6 | 144   | "LIO.sub.3"        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/07/25 13:58 |
| S12<br>7 | 56    | LIO3               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/07/25 13:58 |
| S12<br>8 | 5     | "CaIO.sub.3"       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/07/25 13:58 |
| S12<br>9 | 3     | CaIO3              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/07/25 13:59 |
| S13<br>0 | 4     | "BaIO.sub.3"       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/07/25 13:59 |
| S13<br>1 | 0     | BaIO3              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/07/25 13:59 |
| S13<br>2 | 43490 | KI                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/07/25 13:59 |

## EAST Search History

|          |         |  |   |    |     |                  |
|----------|---------|--|---|----|-----|------------------|
| S13<br>3 | 93      | "NH.sub.4I"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 13:59 |
| S13<br>4 | 173     | NH4I   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 14:00 |
| S13<br>5 | 146773  | iodine   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 14:01 |
| S13<br>6 | 18988   | cleaning adj solution  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 14:05 |
| S13<br>7 | 3565943 | water  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 14:01 |
| S13<br>8 | 44917   | "H.sub.2O"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 14:01 |
| S13<br>9 | 52457   | H2O  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 14:04 |
| S14<br>1 | 22964   | etch\$3 adj solution   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 14:05 |
| S14<br>2 | 1981    | wet adj etchant  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 14:05 |
| S14<br>3 | 111     | (S124 or S125 or S126 or S127 or<br>S128 or S129 or S130 or S131 or S132<br>or S133 or S134 or S135) same (S137<br>or S138 or S139) same (S136 or S141<br>or S142) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 14:06 |

## EAST Search History

|          |       |                    |   |    |     |                  |
|----------|-------|--------------------|---|----|-----|------------------|
| S14<br>4 | 14    | "NH.sub.4IO.sub.3" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 19:34 |
| S14<br>5 | 4     | NH4IO3             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 19:34 |
| S14<br>6 | 144   | "LIO.sub.3"        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 19:34 |
| S14<br>7 | 56    | LIO3               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 19:34 |
| S14<br>8 | 5     | "CaIO.sub.3"       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 19:34 |
| S14<br>9 | 3     | CaIO3              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 19:34 |
| S15<br>0 | 4     | "BaIO.sub.3"       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 19:34 |
| S15<br>1 | 0     | BaIO3              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 19:34 |
| S15<br>2 | 43490 | KI                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 19:34 |
| S15<br>3 | 93    | "NH.sub.4I"        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 19:34 |



## EAST Search History

|          |         |   |   |    |     |                  |
|----------|---------|---|---|----|-----|------------------|
| S15<br>4 | 173     | NH4I  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 19:34 |
| S15<br>5 | 146773  | iodine  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 19:34 |
| S15<br>6 | 18988   | cleaning adj solution   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 19:34 |
| S15<br>7 | 3565943 | water   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 19:34 |
| S15<br>8 | 44917   | "H.sub.2O"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 19:34 |
| S15<br>9 | 52457   | H2O   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 19:34 |
| S16<br>0 | 28      | (S144 or S145 or S146 or S147 or<br>S148 or S149 or S150 or S151 or S152<br>or S153 or S154 or S155) same (S157<br>or S158 or S159) same S156 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/25 19:34 |